

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD TERMINAL ARRIVAL (STAR)**

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<u>Arrival Name</u>	<u>Number</u>	<u>STAR Computer Code</u>	<u>Superseded Number</u>	<u>Dated</u>	<u>Effective Date</u>
CAPSS (RNAV)	FOUR	BULII.CAPSS4	THREE	03/29/2018	

TRANSITION ROUTES:

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	MOCA	MAA	CROSSING ALTITUDE/FIXES
THHMP	THHMP.CAPSS4	THHMP	THHMP						
			BULII	012.61	34.76	13000	2100		AT/BELOW 16000 AT/ABOVE 13000
WAVES	WAVES.CAPSS4	WAVES	WAVES						AT/BELOW FL220 AT/ABOVE FL210
			KSETT	024.74	11.00	17000	2100		AT/ABOVE 17000
			ELAPP	024.78	7.97	14000	2100		AT/BELOW FL200 AT/ABOVE 14000
			BULII	024.68	10.90	13000	2100		AT/BELOW 16000 AT/ABOVE 13000

ARRIVAL ROUTE DESCRIPTION:

FROM BULII ON TRACK 024.92/8.00 TO CROSS CAPSS BETWEEN 10000 AND 13000 (MEA 10000/MOCA 2100).

LANDING NORTH RWY 1, 4, 33: FROM CAPSS ON TRACK 025.05/8.41 TO CROSS HOYAS AT 9000 (MEA 9000/MOCA 1600), THEN ON TRACK 052.53/14.57 TO HALLL (MEA 4000/MOCA 1600), THEN ON TRACK 007.89/9.78 TO KATRN (MEA 3000/MOCA 1600), THEN ON TRACK 007.89. EXPECT ASSIGNED INSTRUMENT APPROACH OR RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING SOUTH RWY 15, 19, 22: FROM CAPSS ON TRACK 027.59/10.54 TO CROSS FLIPZ AT OR BELOW 11000 AND AT 280 KIAS (MEA 10000/MOCA 2100), THEN ON TRACK 027.87/12.93 TO CROSS MOEJO AT 10000 AND AT 250 KIAS (MEA 10000/MOCA 2100), THEN ON TRACK 027.81/7.00 TO JILES (MEA 9000/MOCA 2100), THEN ON TRACK 015.52/4.70 TO CROSS SMOOT AT OR ABOVE 7000 (MEA 7000/MOCA 2100), THEN ON TRACK 338.34/4.72 TO CROSS BAAAM AT 6000 (MEA 6000/MOCA 2100), THEN ON TRACK 326.83/8.35 TO PACKE (MEA 3000/MOCA 2100), THEN ON TRACK 326.83. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENTS NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED



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CAPSS (RNAV)	FOUR	BULII.CAPSS4	THREE	03/29/2018	

PROCEDURAL DATA NOTES:

NOTE: JET AIRCRAFT ONLY.

NOTE: THHMP TRANSITION, ATC ASSIGNED ONLY.

CHART NOTE AT KATRN: LANDING NORTH: RWY 1, 4, 33: EXPECT ASSIGNED INSTRUMENT APPROACH OR RADAR VECTORS.

CHART NOTE AT PACKE: LANDING SOUTH: RWY 15, 19, 22: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER PACKE.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT WAVES: HOLD SW, RT, 024.74 INBOUND, 10 NM LEGS, 250 KIAS.

CHART HOLDING AT BULII: HOLD SW, RT, 024.68 INBOUND, 10 NM LEGS, 230 KIAS.

CHART HOLDING AT HALLL: HOLD SW, LT, 052.53 INBOUND, 5 NM LEGS.

CHART HOLDING AT MOEJO: HOLD SW, RT, 027.87 INBOUND, 5 NM LEGS.

CHART HOLDING AT CAPSS: HOLD SW, RT, 024.92 INBOUND, 10 NM LEGS, 230 KIAS.

COMMUNICATIONS:

AIRPORTS SERVED:

AIRPORT ID	CITY	STATE
DCA	WASHINGTON	DC

LOST COMMUNICATIONS PREFERENCES:

REMARKS:

2100 MOCA VALUES DUE TO 1050 MSL TWR (51-000745, 2C) LOCATED DOWNSTREAM IN RWY TRANSITIONS (BAAAM-PACKE).

LOWEST ASSIGNED ATC ALTITUDE AT KATRN, 3000 AND AT PACKE, 3000.

ABBREVIATED AMENDMENT.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)

MAG VAR: DCA 11W/2020

CHART P-56A AND P-56B



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FLIGHT INSPECTED BY:

ORGANIZATION:

DATE:

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED
07/07/2021, SUBJECT: GUIDANCE FOR PROCEDURAL CHANGES
REQUIRING FLIGHT INSPECTION VALIDATION.

Flight Inspected Signature:

Digitally signed by

CASIMIR L TABAKA

DEVELOPED BY:

Oct 01, 2025

Digitally signed by

RAFAEL A MARTINEZ

AJV-A421

09/09/2025

Developed By Signature: **RAFAEL A MARTINEZ**
Sep 29, 2025

APPROVED BY:

Digitally signed by

CASIMIR L TABAKA

BEV L BORDY

Oct 01, 2025

AJV-A420

Approved By Signature:

CHANGES:

1. INCREASED MEA (HALLL - KATRN) FROM 2500 TO 3000.
2. INCREASED ALL ENROUTE TRANSITION MOCA VALUES (THAT WERE BELOW 2100 FT) TO 2100 FT; INCLUDES COMMON ROUTE AND LANDING SOUTH TRANSITION.
3. UPDATED RWY 1,4,33 TRANSITION EXPECT WORDING: ADDED OR RADAR VECTORS TO FINAL APPROACH COURSE.
4. PROCEDURAL DATA NOTE: CHANGED TURBOJET TO JET.
5. COMBINED "RNAV 1" AND "DME/DME/IRU OR GPS REQUIRED" INTO ONE NOTE "RNAV 1 - DME/DME/IRU OR GPS" AND MOVED IT FROM PROCEDURAL DATA NOTES TO PBN REQUIREMENT NOTES.
6. MOVED "RADAR REQUIRED" FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES.
7. ADDED "THHMP TRANSITION, ATC ASSIGNED ONLY" TO PROCEDURAL DATA NOTES.
8. REMOVED THE AIRPORT NAME AND ADDED THE AIRPORT ID.
9. ADDED REMARK "LOWEST ASSIGNED ATC ALTITUDE AT KATRN, 3000 AND AT PACKE, 3000."
10. ADDED 2100 MOCA REMARK.
11. REMOVED "POTOMAC APP CON" AND "KDCA ATIS."
12. REMOVED RECOMMENDED NAVAID ON 17.2 FORM.

REASONS:

1. PER ATC TO MATCH MINIMUM CROSSING ALTITUDE AT KATRN ON THE APPROACHES, WHICH WERE RAISED DUE TO NOISE SENSITIVITY.
2. IAW 8260.3G, 2-2-7.D(3).
3. LATEST UPDATED TERMINOLOGY.
4. IAW 8260.19K 4-5-12D(3)(A).
5. IAW 8260.19K 4-5-12.D(1).
6. IAW 8260.19K 4-5-12.D(2).
7. PER ATC THHMP TRANSITION LIMITED TO ORF AREA AIRCRAFT, IAW 8260.19K 4-5-12.D(3).
8. IAW 8260.19K 4-5-12.G.
9. IAW 8260.19K 4-5-2.J.
10. TO PREVENT LOWERING VALUE IN THE FUTURE.
11. IAW 8260.19K 4-5-12.F.
12. NO LONGER REQUIRED.

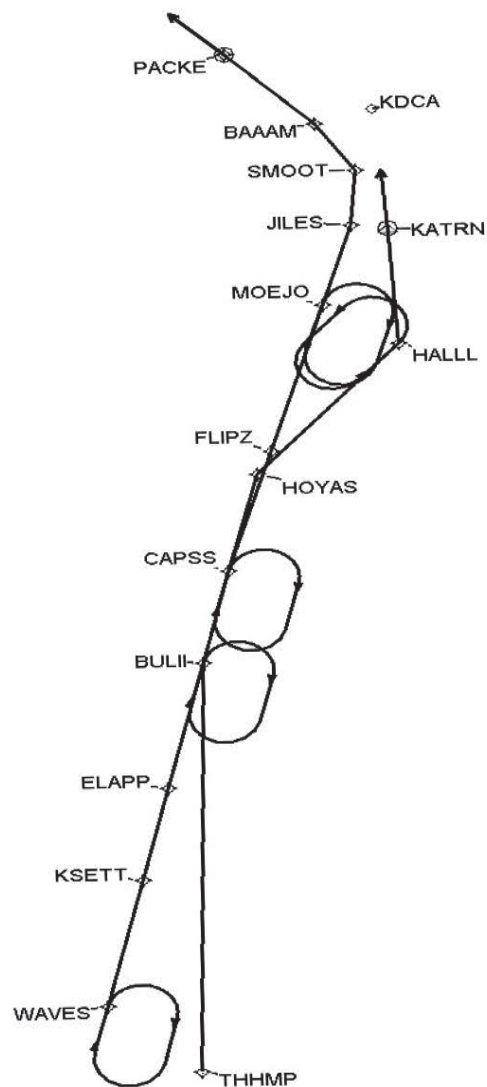
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Title: Graphic Depiction #1



**FEDERAL AVIATION ADMINISTRATION
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STAR (DATA RECORD)**

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CAPSS (RNAV)	FOUR	BULII.CAPSS4	THREE	03/29/2018	

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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ENROUTE TRANSITION

THHMP	372929.47N / 0771908.75W	Y		IF					THHMP.CAPSS4
BULII	380416.37N / 0771754.53W	Y	FB	TF	001.61	34.76	AT/BELOW 16000 AT/ABOVE 13000		

ENROUTE TRANSITION

WAVES	373513.54N / 0772652.03W	Y		IF			AT/BELOW FL220 AT/ABOVE FL210	AT 280K	WAVES.CAPSS4
KSETT	374555.35N / 0772334.29W	Y	FB	TF	013.74	11.00	AT/ABOVE 17000		
ELAPP	375340.21N / 0772110.46W	Y	FB	TF	013.78	07.97	AT/BELOW FL200 AT/ABOVE 14000	AT 280K	
BULII	380416.37N / 0771754.53W	Y	FB	TF	013.68	10.90	AT/BELOW 16000 AT/ABOVE 13000		

COMMON ROUTE

BULII	380416.37N / 0771754.53W	Y		IF			AT/BELOW 16000 AT/ABOVE 13000		BULII.CAPSS4
CAPSS	381202.82N / 0771527.99W	Y	FB	TF	013.92	08.00	AT/BELOW 13000 AT/ABOVE 10000		

RUNWAY TRANSITION

CAPSS	381202.82N / 0771527.99W	Y		IF			AT/BELOW 13000 AT/ABOVE 10000		
HOYAS	382012.69N / 0771252.30W	Y	FB	TF	014.05	08.41	AT 9000		



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HALLL	383107.19N / 0770033.68W	Y	FB	TF	041.53	14.57			
KATRN	384053.90N / 0770114.37W	Y	FO	TF	356.89	09.78			
DCA: RWY 1, RWY 4, RWY 33				FM	356.89				
RUNWAY TRANSITION									
CAPSS	381202.82N / 0771527.99W	Y		IF			AT/BELOW 13000 AT/ABOVE 10000		
FLIPZ	382209.55N / 0771138.42W	Y	FB	TF	016.59	10.54	AT/BELOW 11000	AT 280K	
MOEJO	383432.69N / 0770651.34W	Y	FB	TF	016.87	12.93	AT 10000	AT 250K	
JILES	384115.12N / 0770416.22W	Y	FB	TF	016.81	07.00			
SMOOT	384556.58N / 0770347.80W	Y	FB	TF	004.52	04.70	AT/ABOVE 7000		
BAAAM	384955.01N / 0770703.26W	Y	FB	TF	327.34	04.72	AT 6000		
PACKE	385554.41N / 0771430.61W	Y	FO	TF	315.83	08.35			
DCA: RWY 15, RWY 19, RWY 22				FM	315.83				

